



PROJECT INFORMATION:

- Land Classification: Conservation District, General Subzon
- Land Owner and Lead agency for Conservation District Use Permit: University of Hawaii, Institute for Astronomy (IfA)
- ATST Site Area: Approximately 0.9 acres (exact lease from IfA to be defined)
- Total Building Area: 44,454 sq.ft.
- Occupancy Class: Group B (2006 IBC
- Construction: Type II-B

*Note: All Pier/Telescope areas and rotating portions of Enclosure are included in the table below to provide a complete summary of habitable building areas. These floor areas are, however, not included in the Support Facilities Contract. (see area diagrams on plans A1 to A2

	F	loor A	rea Su	ımmaı	ry				
Space Description	Gross Floor Areas								
	Ops. Bldg.		Enclosure*		Pler/Teles.*		Utility Bidg.		
	ft ²	m ²	ft ²	m ²	ft ²	m ²	ft ²	m ²	
Telescope Level	669	62	4,016	373	1,329	124			
Azlmuth Mech Level	671	62	2,270	211	880	82			
Utility Level	1,086	101	3,810	354	1,595	148			
Coudé Level	3,556	330	1,565	145	3,566	331			
Mezzanine Level	2,212	206	570	53	3,566	331			
Ground Level	5,319	494	1,648	153	3,566	331	2,560	238	
TOTAL AREA (gross):	13,513	1,256	13,879	1,290	14,502	1,348	2,560	238	
Total ATST Facility A	rea		44,454	ft ²	4,131	m ²			

	T1	Title Sheet
ne	C1	Overall Site Plan
	C2	Electrical, Grounding & Wastewater Site Plan
	C3	Stormwater Control & Soil Placement Site Plan
	C4	Location Site Plan
	C5	Grading and BMP Plan & Details
	C6	Building Layout Plan
	S1	Foundation Plan
	S2	Structural Framing Plan
	S3	Structural Section Through Pier & Enclosure
	S4	Structural Details
	A1	Ground Level Floor Plan
C)	A2	Mezzanine Level Floor Plan
C)	A3	Coudé Level Floor Plan
	A4	Coudé Level Reflected Ceiling Plan
	A5	Utility Level Floor Plan
	A6	Azimuth Mechanical Level Floor Plan
17)	A7	Telescope Level Floor Plan
	A8	S&O Building North & Utility Building Elevations
	A9	S&O Building East & West Elevations
	A10	S&O Building South Elevation
	A11	Operations Building, Enclosure & Pier Section (E-W)
	A12	Operations Building Section (N-S) and Wall Section
	A13	Stairs & LU/LA Lift Sections
	A14	Elevator & Platform Lift Sections, Architectural Details
	A15	Utility Building & Partial Mees Facility Plan
	U1	S&O Bldg. Ground Level - Interconnects & Services Plan
	U2	S&O Bldg. Coudé Level - Interconnects & Services Plan
	U3	S&O Bldg. Utility Level - Interconnects & Services Plan
	G1	Schedules (Doors, Finishes, Interconnects & Services)

Index of Drawings (30 sheets)

SCHEMATIC DESIGN of	the
SUPPORT FACILITIES for	r the
Advanced Technology Solar	Telescope
Haleakalā High Altitude Observatory	Maui, Hawai'i

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